DT03 Rec'd PCT/PT0 1 2 OCT 2004

PTO-1390 (Rev. 10-2004)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTTORNEY'S DOCKET NUMBER Serie 5974

U.S. APPLICATION NO. (1 known, see 37 cp. 14)

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED April 7, 2003 April 12, 2002 PCT/FR03/01089 TITLE OF INVENTION Gas supply device comprising a portable container and a recharging base

APPLICAN	T(S) FOR DO/EO/US L'Air Liquide, Société Anonyme à Directoire et Conseil de Surveillance pour l'Etude et l'Exploitation des Procédés Georges Claude
Applicant	herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:
1. 🛛 Т	his is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2. T	his is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
	his is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. 🗆 T	he US has been elected (Article 31).
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))
	a. X is attached hereto (required only if not communicated by the International Bureau).
	b. has been communicated by the International Bureau.
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
	a. X is attached hereto.
	b. has been previously submitted under 35 U.S.C. 154(d)(4).
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
	a. are attached hereto (required only if not communicated by the International Bureau).
	b. have been communicated by the International Bureau.
	c. have not been made; however, the time limit for making such amendments has NOT expired.
	d. have not been made and will not be made.
8. 🗆	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. 🛛	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 38 (35 U.S.C. 371(c)(5)).
ltems ·	11 to 20 below concern document(s) or information included:
11. 🛛	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. 🗶	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. 🔀	A preliminary amendment.
14.	An Application Data Sheet under 37 CFR 1.76.
15.	A substitute specification.
18.	A power of attorney and/or change of address letter.
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.	A second copy of the English language translation of the international Application under 35 U.S.C. 154(d)(4).
20.	Other items or information: International Search Report

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.
Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

DT04 Rec'd PCT/PTO 1 2 OCT 2004

PTO-1390 (Rev. 10-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Not yet assigned \$1.1.0 PCT/FR03/01089 Serie 5974 21. [X] The following fees are submitted: ASSIC NATIONAL FEE (CFR 1.482(s)1)–(6): BYTO Dut International partimizary examination for (6) 7CFR 1.482(s) and to USPTO but international partimizary examination for (6) 7CFR 1.482(s) and to USPTO but international partimizary examination for (6) 7CFR 1.482(s) and to USPTO but all claims do not satisfy provisions of PCT Article 33(1)-(4) ENTER APPROPRIATE BASIC FEE AMOUNT = 950.0 ENTER APPROPRIATE	U.S. APPLICATION NO. (14 known, sep 37-CER 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER								
21. LSJ The following fees are submitted: BASIC ANTONAL PEE (CPT. 14-28(a)(1)+(6)): Notifier informational preliminary examination the (37 CFR 1.462) not informational search fee (37 CFR 1.445(a)(2)) paid to USPTO and informational Search Report not prepared by the EPO or JPO	Not yet assign	ed カートング	Serie 5974						
Neither International preliminary examination for 67 CFR 1.442) nor international search (e) 67 CFR 1.445(p)(2) paid to USPTO and international Search Report not prepared by the EPO or JPO	21. X The following	fees are submitted:	CALCULATIONS	PTO USE ONLY					
nor international search flee (37 CFR 1.45(s)(2)) paid to USPTO	BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):								
USPTO but international Search Report prepared by the EPO or JPO	nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO								
but International search fee (37 CFR 1.45(a)(2)) paid to USPTO	International preliminar USPTO but Internation	y examination fee (37 CFR 1 al Search Report prepared b	I.482) not paid to ry the EPO or JPO	\$950.00					
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all datins satisfied provisions of PCT Article 33(1)-(4)	but international search	fee (37 CFR 1.445(a)(2)) pa	aid to USPTO	\$790.00					
and all claims satisfied provisions of PCT Article 33(1):4(1)	International preliminar but all claims did not sa	y examination fee (37 CFR 1 itisfy provisions of PCT Artic							
CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 24 - 20 = 4	and all claims satisfied	provisions of PCT Article 33	\$ 950						
Total claims 24 -20 = 4			\$						
Independent dalims 3 3 9 0 X \$88.00 \$ 0 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$300.00 \$ 1,022 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by %. SUBTOTAL = \$	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$				
MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = \$ 1,022 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by %. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1,062 Amount to be refunded: Amount to be refunded: Amount to be Amount to be refunded: The Commissioner is bergeby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is begreby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is begreby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is begreby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is begreby authorized to charge any additional fees which may be come public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filled and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Linda K. Russell Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston. TX 77056	Total claims	24 -20=	4	X \$18.00	\$ 72				
TOTAL OF ABOVE CALCULATIONS = \$ 1,022 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by %. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ft)). TOTAL NATIONAL FEE = \$ Fee for recording the enclosed assignment (37 CFR 1.21(ht)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1,062 Amount to be refunded: Amount to be charged: Amount to be charged: Amount to be charged: To cover the above fees is enclosed. Description of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1376. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1376. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1376. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1376. A duplicate copy of this sheet is enclosed. Linda K. Russell Air Liquide The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1376. A duplicate copy of this sheet is enclosed. Linda K. Russell Air Liquide The Commissioner is hereby authorized to the commission of this form may become public. Credit card information and authorization on	Independent daims	3 -3=	0	X \$88.00	\$.0				
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced SUBTOTAL = S	MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)		+ \$300.00					
by %. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ \$									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE		small entity status. See 37 C	FR 1.27. The fees indicated a	bove are reduced	\$				
to cover the above fees is enclosed. A check in the amount of \$					\$				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1,062 Amount to be refunded: Amount to be charged: \$ 1,062 a. A check in the amount of \$			n translation later than 30 mon	ths from the earliest +	s				
TOTAL FEES ENCLOSED = \$ 1,062 Amount to be refunded: Amount to be charged: \$ 1,062			TOTAL NA	ATIONAL FEE =	\$				
Amount to be refunded: a. A check in the amount of \$				ust be accompanied +	\$ 40				
a. A check in the amount of \$			TOTAL FEE	S ENCLOSED =	s 1,062				
a. A check in the amount of \$. <u> </u>		\$			
b. X Please charge my Deposit Account No. 01-1375 in the amount of \$ 1,062.00 to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplication on this form may become public. Credit card information should not be included on this form. Provide credit card information on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filled and granted to restore the international Application to pending status. SEND ALL CORRESPONDENCE TO: Linda K. Russell Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 34,918									
A duplicate copy of this sheet is enclosed. c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1375. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status. SEND ALL CORRESPONDENCE TO: Linda K. Russell Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 34,918			,			\$ 1,062			
Account No. 01-1375. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status. SEND ALL CORRESPONDENCE TO: Linda K. Russell Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 34,918	a. A check in th	e amount of \$	to cover the ab	ove fees is enclosed.		\$ 1,062			
be Included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status. SEND ALL CORRESPONDENCE TO: Linda K. Russell Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 34,918	b. X Please charg	ze my Deposit Account No.	01-1375 in the amount of		charged:	\$ 1,062			
Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 Air granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE Linda K. Russell NAME 34,918	b. X Please charge A duplicate of c. X The Commiss	ge my Deposit Account No. Sopy of this sheet is enclosed sioner is hereby authorized to	01-1375 in the amount of d.	\$ 1,062.00 to a	charged:				
Linda K. Russell Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 Linda K. Russell NAME 34,918	b. X Please charged A duplicate of the Commiss Account No.	ge my Deposit Account No. 1 copy of this sheet is enclosed sioner is hereby authorized to 01-1375. A duplicate cone charged to a credit card. V	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed.	$\frac{1,062.00}{1000}$ to $\frac{1}{10000}$ to $\frac{1}{10000000000000000000000000000000000$	charged: over the above fees. or credit any overpaymen	nt to Deposit			
Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 Linda K. Russell Linda K. Russell NAME 34,918	b. X Please charge A duplicate of c. X The Commiss Account No. d. Fees are to be included NOTE: Where an app.	ge my Deposit Account No. 2 copy of this sheet is enclosed sioner is hereby authorized to 01-1375. A duplicate of the changed to a credit card. We on this form. Provide credit corrists time timit under 3	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed. WARNING: Information on this treard information and authoriz	to control	charged: over the above fees. or credit any overpaymentalic. Credit card information	it to Deposit			
Air Liquide 2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 Linda K. Russell NAME 34,918	b. X Please charged A duplicate of A duplicate of C. X The Commiss Account No. d. Fees are to be included NOTE: Where an applicant of the commission of the	ge my Deposit Account No. copy of this sheet is enclosed sioner is hereby authorized to 01-1375. A duplicate one charged to a credit card. Von this form. Provide credit ropriate time limit under 3 to the international Application.	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed. WARNING: Information on this treard information and authoriz	to control	charged: over the above fees. or credit any overpaymentalic. Credit card information	it to Deposit			
2700 Post Oak Blvd., Suite 1800 Houston, TX 77056 NAME 34,918	b. X Please charge A duplicate of a duplicate of c. X The Commiss Account No. d. Fees are to be included NOTE: Where an appeand granted to restor SEND ALL CORRESP	ge my Deposit Account No. 2 copy of this sheet is enclosed signer is hereby authorized to 01-1375. A duplicate of the charged to a credit card. We on this form. Provide credit cropriate time limit under 3 to the international Application.	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed. WARNING: Information on this treard information and authoriz	ts 1,062.00 to control to may be required, form may become put ation on PTO-2038.	charged: over the above fees. or credit any overpaymentalic. Credit card information	it to Deposit			
Houston, TX 77056 34,918	b. A Please charge A duplicate of A duplicate of C. The Commiss Account No. d. Fees are to be included NOTE: Where an appeand granted to restor SEND ALL CORRESP	ge my Deposit Account No. copy of this sheet is enclosed sioner is hereby authorized to 01-1375. A duplicate on this form. Provide credit con this form. Provide credit ropriate time limit under 3 to the international Application.	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed. WARNING: Information on this treard information and authoriz	form may be required, ation on PTO-2038. Signafure:	charged: over the above fees. or credit any overpayment olic. Credit card informat o (37 CFR 1.137(a) or (b))	it to Deposit			
	b. A Please charge A duplicate of A duplicate of C. The Commiss Account No. d. Fees are to be be included NOTE: Where an approand granted to restor SEND ALL CORRESP Linda K. Ru Air Liquide	ge my Deposit Account No. copy of this sheet is enclosed sioner is hereby authorized to 01-1375. A duplicate of the charged to a credit card. Very on this form. Provide credit cropriate time timit under 3 to the international Application.	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed. WARNING: Information on this card information and authoriz 7 CFR 1.495 has not been mation to pending status.	to control	charged: over the above fees. or credit any overpayment olic. Credit card informat o (37 CFR 1.137(a) or (b))	it to Deposit			
	b. A Please charge A duplicate of A duplicate of C. The Commiss Account No. d. Fees are to be included NOTE: Where an appliant granted to restor SEND ALL CORRESP Linda K. Ru Air Liquide 2700 Post	ge my Deposit Account No. Copy of this sheet is enclosed signer is hereby authorized to 01-1375. A duplicate of the charged to a credit card. We on this form. Provide credit repriate time limit under 3 to the international Application of the internation of th	01-1375 in the amount of d. o charge any additional fees wopy of this sheet is enclosed. WARNING: Information on this card information and authoriz 7 CFR 1.495 has not been mation to pending status.	ts 1,062.00 to control to may be required, form may become put ation on PTO-2038. The petition to revive SIGNATURE. Linda K. R. NAME	charged: over the above fees. or credit any overpayment olic. Credit card informat o (37 CFR 1.137(a) or (b))	it to Deposit			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Not yet assigned

DT04 Rec'd PCT/PT0 1 2 OCT 2004

Applicants:

Serban CANTACUZENE, et al.

Filed International:

April 7, 2003

US National:

Herewith

Title:

Gas Supply Device Comprising a Portable Container and a

Recharging Base

TC/A.U:

Unknown

Examiner:

Unknown

Docket No.:

Serie 5974

Customer No.:

000040582

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 CFR 1.10, with the United States Postal Service "Express Mail Post Office to Addressee" service as **Express Mail No. EV 534767550 US** in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on **October 12, 2004**.

- 1. A copy of International Publication WO 03/087651;
- English translation of International Application PCT/FR03/01089;
- 3. Preliminary Amendment;
- Declaration and Power of Attorney;
- Assignment and cover;
- 6. IDS and IDS Form 1449 with references;
- 7. Transmittal Under 35 USC 371 (PTO Form 1390) Fee Sheet (in duplicate); and
- 8. Postcard.

Respectfully submitted,

Date: October 12, 2004

Air Liquide 2700 Post Oak Boulevard, Suite 1800 Houston, Texas 77056 (713) 624-8973